

**From:** [Sivak, Michael](#)  
**To:** [Mishkin, Katherine](#); [Mitchell, Tanya](#)  
**Subject:** RE: rolling knolls prep for tomorrow's meeting  
**Date:** Thursday, May 28, 2015 10:27:00 AM

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Tanya and Katie:

A couple of thoughts based on the information below. You may have answers to these questions already, but I thought I'd offer them up, just in case you don't:

1. For the sampling intervals of 0 – 6" and 6 – 12", for human health, I would support the deeper interval. However, I would defer to the eco risk folks on the depths that are most appropriate for their receptors (I THINK it's up to 12 inches), since human exposure is limited and eco exposure is likely going to be a big factor in determining whether we need to take an action in soils.
2. I know that we've had some trouble with some of the MW locations being inundated with water. If we identify a location off-set from the original location that still gives us the info we want, but that off-set location is also under water, what's the back-up plan?
3. If the groundwater is really high and turbid (which I think I remember hearing is sometimes the case), would it make sense to collect both total and dissolved samples to identify what's in the groundwater and what's bound to particulates.

Please let me know if you have any questions, or if you'd like me to participate on the call. Thanks.

Michael Sivak  
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**From:** Mishkin, Katherine  
**Sent:** Wednesday, May 27, 2015 3:13 PM  
**To:** Mitchell, Tanya  
**Subject:** rolling knolls prep for tomorrow's meeting

Hi Tanya,

Just to prepare for the meeting tomorrow, I was wondering if NJDEP has provided comments on the most recent addendum. I saw that some of the preliminary topics of conversation are what you outlined in a previous email:

- 1) Sampling intervals, 0-6" vs 0-12"
- 2) Comparison to NJ Impact to GW criteria
- 3) Sample elevations across the site

Regarding the sampling intervals of 0-6" vs 0-12", I would defer to Michael for his input. I noticed he wasn't on the invite, but perhaps we could extend the invitation to him since the HHRA usually provides the rationale for soil sampling depth intervals.

Also, do you know if their question on the sample elevations across the site is related to groundwater elevations or soil sampling locations?

Lastly, I am available to attend the meeting in person next week, but will probably have to leave by 3pm just to make sure I am not held up by traffic in returning to the office. Thanks!

Katie

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